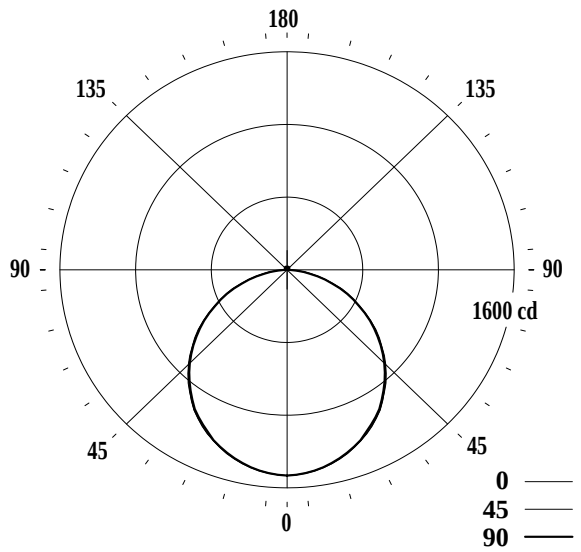
LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	**CATALOG NO:**	**24x5LCBAJ04**
Lamp Type:	LED	**Description:**	FLOATPLANE 100%DN 6000LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4365 lm 100.0%
Input Watts:	120 VAC 42.3	**Up/Dn Ratio, Efficacy (lm/W):**	2% Up / 98% Dn 103.2
CIE-IES Classification:	Direct	**Report:**	LNG00092

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1510	1510	1510	1510	1510	
5	1497	1502	1499	1502	1497	143
15	1434	1449	1437	1443	1431	407
25	1328	1340	1326	1333	1316	613
35	1174	1192	1173	1177	1164	737
45	984	1009	977	984	969	761
55	764	782	757	763	750	684
65	522	545	516	534	515	523
75	283	298	283	286	277	306
85	84	91	72	79	67	90
90	0	0	0	0	0	
95	8	7	8	8	9	8
105	11	11	12	12	12	13
115	14	16	16	16	15	16
125	17	19	20	19	18	17
135	19	21	23	22	21	17
145	21	22	23	24	24	14
155	22	22	23	24	24	11
165	23	22	22	23	23	6
175	23	23	23	22	22	2
180	24	24	24	24	24	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1509.7	0.0
Direct: Peak Candela & Angle (90deg)			1509.7	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.23	N/A
Indirect: Peak Candela & Angle			24.5	150.0
Indirect: Zenith Candela, Peak to Zenith			23.6	1.04
Luminous Length, Width, Height (ft)		3.89	0.56	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			Standard	Standard
x, y, CCT ,Duv	0.4285	0.4003	3117	-0.0003
CRI (Ra), R9			83	9
120V: P(W), I(A), THD(%), PF	42.3	0.355	7.0	0.993
277V: P(W), I(A), THD(%), PF	41.5	0.155	10.7	0.969
347V: P(W), I(A), THD(%), PF	41.4	0.122	7.2	0.977

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	118	118	118	118	115	115	115	110	110	110	98
1	108	103	99	95	105	101	97	96	93	90	81
2	98	90	83	77	95	88	81	84	79	74	68
3	89	79	71	64	87	77	69	74	67	62	57
4	82	70	61	54	79	68	60	65	58	53	49
5	75	62	53	47	73	61	53	59	51	46	42
6	69	56	47	41	67	55	47	53	45	40	37
7	64	51	42	36	63	50	42	48	41	35	32
8	60	46	38	32	58	46	37	44	37	31	29
9	56	43	34	29	54	42	34	41	33	28	26
10	52	39	31	26	51	39	31	37	31	26	23

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1162	26.6%	26.6%
0-40	1899	43.5%	43.5%
0-60	3343	76.6%	76.6%
0-90	4263	97.7%	97.7%
90-130	53	1.2%	1.2%
90-150	83	1.9%	1.9%
90-180	103	2.3%	2.3%
0-180	4365	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7457	7457	7457
5	7421	7434	7423
15	7335	7348	7318
25	7239	7229	7171
35	7080	7071	7017
45	6872	6826	6770
55	6581	6522	6455
65	6097	6032	6013
75	5403	5393	5294
85	4761	4052	3797

LUMINAIRE SECTION

LEDALITE

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